

Abstract

A rotary indexing machine (10) has a fixed machine frame, which is designed for holding a multiplicity of machining units (66) and comprises at least one support (70). Furthermore, the rotary indexing machine (10) has a rotary table (40) rotatable relative to the machine frame about a vertical indexing axis (12). To create free space for the machining of a workpiece to be arranged on the rotary table (40), the support (70) is designed for the lateral attachment of at least one of the machining units (66).

The machine frame is characterized by high rigidity and stability, a large free space for machining workpieces being created at the same time in the region of the rotary table (40), and good accessibility of the satellites (50), the indexing devices and the rotary table (40) being ensured for the adjustment or setting-up of the machine. Furthermore, the rotary indexing machine (10) according to the invention has an extremely fast and highly dynamic drive for the rotary table (40) and permits timesaving and nonetheless accurate indexing of the satellites.

(Fig. 1)